# JARLTECH
# MAIN CATALOGUE
## INT#2

DATALOGIC THE VISION IS YOURS

Honeywell

MOTOROLA SOLUTIONS

Getac

METAPACE

EPSON EXCEED YOUR VISION

CITIZEN Micro Humantech

ZEBRA TECHNOLOGIES SEE MORE. DO MORE.

Intermec by Honeywell

GLANCETRON

Colormetrics

elo TOUCH SOLUTIONS

Panasonic ideas for life

iiyama

PrehKeyTec

Addimat

IDENTIV

PROMAG™

ratiotec We support retail

**For Resellers only**

# NEW IN THIS ISSUE

## Datalogic

- QuickScan I QM & QBT 2400: Powerful and mobile
- PowerScan PM & PBT 9500: Mobile 2D industrial scanners
- Elf Healthcare: Robust PDA for the healthcare sector
- Memor X3: Mobile computer with pocket-sized housing

## Honeywell

- Granit 1280i: Highly robust industrial scanner for long distances
- Dolphin 60s: Scanphone in compact size
- Dolphin 6110: Sleek mobile terminal with a large touch display

## Motorola

- DS4800: 2D barcode imager with a striking design
- DS4308: Next generation 2D barcode imager
- TC55: Robust business smartphone
- MC3200: Mobile data collection with Android or Windows CE
- CC5000: Kiosk system for interactive customer service

## Getac

- F110: Fully rugged 11.6" tablet PC
- T800: Robust tablet with an 8.1" multi-touch screen
- V110: Fully rugged convertible PC

## Metapace

- L-42DT: Affordable thermal transfer desktop label printer

## Epson

- TM-T20II: Successor of the proven TM-T20
- TM-T70II: Improved classic with front side handling
- TM-P80: Portable receipt printer for 80 mm slips
- GP-C831: Fast industrial colour label printer

## Citizen

- CMP-40: Mobile thermal printer for media up to 112 mm wide

## Zebra

- ZD500 Series: Compact desktop label printer with optional RFID
- ZT400 Series: Mid-range printer for super quick label printing

## Intermec

- Printers: Reliable receipt- and label printers
- Mobile data collection: Powerful mobile computers
- Barcode scanners: 1D and 2D barcode scanners for versatile applications

## Glancetron

- Booksize 9550: POS PC with optimised performance
- 17L: Affordable 17" touch monitor
- Smart Stand: Practial stand for the all-in-one checkout

## Colormetrics

- P2100: Powerful all-in-one POS system with IP64 front panel

## Elo Touch Solutions

- 2401LM: 24" touch monitor for healthcare applications
- 3209L: Cost-efficient touch monitor for Interactive Digital Signage
- 5501L: Large format touchscreen with optional PC module

## iiyama

- Touch screens: Display sizes up to 27"
- IDS: Large format touch display up to 65"
- Open-frame: Open-frame touchscreens up to 22"

## PrehKeyTec

- PKT4000: Compact flatbed imager for ID cards and documents

## RatioTec

- RS2000: Money scales with intelligent weighing algorithm
- rapidcount B20 / B40: Banknote counter with integrated counterfeit detection
- RT-Series: Steel safes for cash revenues at the POS

# JARLTECH
## Join the Conversation

**Stay in touch with us and visit us today on Facebook and Twitter. Learn about insights in our company, latest product news and much more as a FAN on Facebook or FOLLOW US on Twitter!**

www.facebook.com/jarltech

www.twitter.com/jarltech

DATALOGIC THE VISION IS YOURS
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Colormetrics | METAPACE

# AN UNBEATABLE TEAM

## The elegant trio for a more stylish checkout

### P2100

**Fanless touch screen checkout terminal with IP64 sealing**

### T-3

**Economical fully-equipped top-quality printer**

### K-1

**Professional cash drawer for demanding requirements**

P2100 not available in MENA.



# WELCOME

## Dear Jarltech Partner!

**Discover the new Jarltech main catalogue as the cornerstone for your long-term business success. At Jarltech you receive market-leading hardware from our long-standing partners. This includes label and POS printers from Zebra, Epson and Citizen, scanners, mobile computers and Wi-Fi infrastructure from Datalogic, Motorola Solutions and Honeywell, as well as POS systems and touch monitors from Elo Touch Solutions, Colormetrics and Panasonic. With a total of 19 of the leading brands, the catalogue comprises the largest portion of the Jarltech portfolio and is the standard reference that should be on every desk.**

Starting today, offer your customers even more versatility and choice with Jarltech. There are two new brand names in this catalogue: with iiyama you have access to an even broader selection of professional touch monitors for various industries via Jarltech. The workmanship, the excellent price-performance ratio and the impressive included services make the display systems a real alternative. From Intermec by Honeywell you receive label printers, mobile computers and barcode scanners from one source – as usual at Jarltech on short notice or directly from stock!

Speaking of warehouses: for a quick peek at the stock quantities of any specific variants, you do not even need to log into the Jarltech website. You will find current stocks directly next to each model.

As a reseller, systems integrator, software house or e-tailer you will find more at Jarltech than just hardware from the market leaders. You will also find an array of attractive warranty services, numerous devices for borrowing at no charge, marketing support and various other services to support you in increasing your profit, plus which make your (business) life easier every day. After all, you are the centre of our attention – and your requirements are what our distribution model is built on.

With kind regards,

Ulrich Spranger (General Manager)
ulrich.spranger@jarltech.com

P.S.: Are you already familiar with the **Jarltech App for your smartphone or tablet?** It combines numerous website functions, for example, access to your individual prices, with the functions of the Jarltech Service App. This tool simplifies the work of your service technicians on-site. With a single scan of the product code you have all warranty and service data at your disposal, including a return address! This is service – simply download the app either in the App Store or at Google Play.

# YOUR BIGGEST ADVANTAGES AT JARLTECH

## 1 EXPEDITIOUS

Tailored to your needs

Jarltech's huge stock availability allows for immediate shipping.

Jarltech dispatches orders placed by 18:30 (CET) on the same day – at no extra charge!

Jarltech permanently has more than 10,000 products at your disposal.

Jarltech has exotic variants and colours of all devices available immediately.

Jarltech ensures fast delivery through reliable logistics partners.

## 2 EFFICIENT

More profit for you

Jarltech's size ensures you the best conditions at all times.

You comfortably pay for goods on account with a payment term.

Upon request, arrange individual terms of payment.

Higher margins for you through our own purchasing offices in the Far East.

With each purchase, we give you bonus points for great rewards.

## 3 CONVENIENT

Perfect service

Borrow presentation devices for testing and demonstration.

Direct delivery to your customers with your own delivery note if desired.

Order service agreements or warranty extensions with only one click.

Jarltech does not sell to end customers! We are always your partner.

Get technical support by phone at your service hotline!

## 4 COMPLETE

One-stop shop

We are personally available to assist you at your service number.

Find product availability and prices on Jarltech's homepage around the clock.

Online, you will find data sheets, specifications and videos on all products.

Claim processing and warranty check are a couple of clicks away, online.

Jarltech's support database on the Web answers urgent questions immediately.

Support – at a glance:
Free-of-charge support for all resellers
Just call or contact us by e-mail
Manufacturer-trained technical personnel
Professional first-hand knowledge
Certified Epson Service Center
Overnight servicing for all warranty claims
Extensive support database (free of charge)
All drivers, manuals, FAQs, etc. are available online
Spare part service directly from stock
For Epson, Zebra, Datalogic and many other manufacturers
Epson Service Center

Configuration – at a glance:
EPoS configuration
We install the operating system in any desired language
Software installation
At the same time, we install your software using your hard disk image
Hardware configuration
We configure DIP switches and settings according to your specifications
Product individualisation
Use of custom labels, etc.
Functionality and burn-in test
Upon request, Jarltech also tests your hardware before shipping

## Competence in
# SUPPORT & MAINTENANCE

**Technical support:** Technical support from Jarltech is free of charge for software companies and system integrators. Regular training courses and programmes from our manufacturers ensure that our service personnel is informed about the latest developments and changes. We will gladly assist you with any queries regarding hardware integration and installation. We also provide an extensive support database on our website **www.jarltech.com** with all documents, drivers, manuals and extra tips for all devices.

**Repairs & warranty claims:** Repairs & warranty claims: All incoming warranty claims are processed on the same day. If we can locate the defect on our own, we repair your goods immediately or send them back to the manufacturer. As a certified Epson Service Center, we are able to perform warranty repairs directly. This means that we do not need to send defective devices to the manufacturer, saving you valuable time.

**Spare part service:** Jarltech provides several hundreds of thousands of spare parts from various manufacturers. For example, we are an official spare part supplier for Epson POS printers, Zebra label printers and Datalogic barcode scanners. Jarltech's internet support section contains exploded views for many products; these will help you to easily identify (and order) modules, worn parts, even single screws and other small parts.

## Configuration and
# INSTALLATION SERVICES

With Jarltech, large projects do not automatically lead to stress during system installation. On request, we will install and configure systems, PCs and single devices according to your wishes before shipping. This can be the installation of your own disk images, installation of POS software onto a touch screen system, re-labelling of devices (like receipt printers or scanners) with your own labels, configuration of Windows CE on handheld devices or simply the installation of Windows on a PC. Then, we send them to you or directly to your customer. Your technicians do not have to spend hours on configuration anymore – all they have to do is to deploy the hardware to their desired location. Especially with large orders, our attractive installation service saves you enormous amounts of time and personnel expenses.

Furthermore, you and your customers gain additional assurance that the acquired system does indeed work as desired, as Jarltech examines all hardware components thoroughly during configuration for possible defects and damage. Defective devices are combed out immediately. We will gladly provide you with more information on how we can increase your efficiency – simply contact your Jarltech representative in our sales department!

Bonus shop – at a glance:
Collect bonus points for every euro/pound of sales
Simply register online
Large bonus shop with fantastic rewards
More than 1,200 bonus rewards,
from CDs to air tickets
For the company owner, purchaser and colleagues
Jarltech pays all income taxes, so the rewards
are free for you
Automatic points on all sales
For all registered participants
Save points for larger rewards
Your points never expire as long as you buy regularly

Jarltech VIP – at a glance:
Collect points and become a Jarltech VIP
20,000 points for Silver VIP status, 50,000 for Gold VIP
Save shipping costs
For Silver VIPs at 1,000 euros/1,000 pounds order value
upwards and for Gold VIPs at 600 euros/500 pounds
Exceptionally competitive prices
Separate pricing, always extremely favourable
Privileged deliveries
For Gold and Silver VIPs
Technical training
Free of charge for VIPs and custom-tailored
to your requirements
15 percent VIP discount
On express and Saturday shipping service

## For you and your company
# BONUS POINTS

Participants in our Jarltech bonus programme automatically receive points for every euro/pound of sales, which you exchange in our Bonus Shop for attractive rewards. Register for the bonus programme online at **www.jarltech.com** – it only takes a minute. Find your point balance online in your bonus account in the Jarltech Bonus Shop. All points in your account are valid for twelve months from your last purchase.

The Jarltech Bonus Shop works like any other online shop; the only difference is that you spend bonus points instead of money. We deliver your rewards postage-free to any address in participating countries. The contents of our Bonus Shop change constantly – so do not hesitate, and make your decisions quickly. Naturally, we are interested in providing rewards that are as attractive as possible. If you have any special wishes, please contact us. In order to be able to provide this service without additional costs, we gladly process your requests via e-mail at **bonus@jarltech.com**.

Jarltech pays all the taxes for your rewards on your behalf. This means you will not have to book the bonus rewards as revenue. Jarltech customers with invoice and delivery addresses in Austria, Belgium, Denmark, France, Germany, Italy, Luxembourg, the Netherlands, Poland, Portugal, Spain, Sweden and the United Kingdom are eligible for participation. Each company may have only one bonus account. Rewarded bonus points are not transferable and cannot be cashed in.

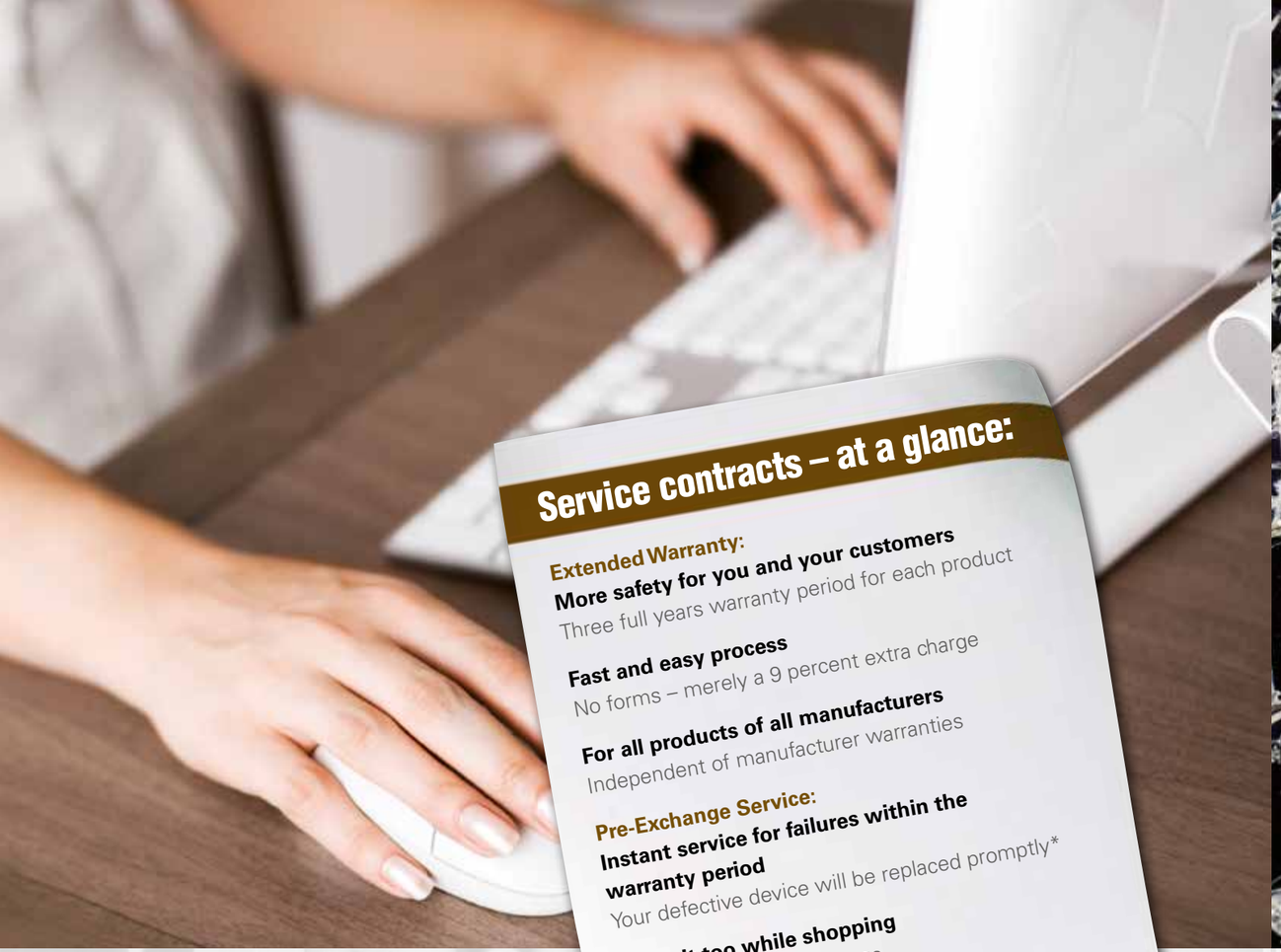
## Exclusive advantages as a
# JARLTECH VIP

Gain your Jarltech VIP status with bonus points: as a bonus programme participant and with 20,000 points a year you reach Silver VIP status, and with 50,000 points you enjoy extra benefits as a Gold VIP.

As a Jarltech VIP you are eligible for special promotions (kits, bundles, special offers) and extra bonus point opportunities. Additionally, Jarltech offers you a special service for devices that are defective upon arrival (»dead on arrival«), as well as free technical training courses at our premises for you and your colleagues. Of course, you also enter a different pricing group: As a VIP you receive a separate VIP price list with extra low prices, free shipping (minimum order value required, not valid on express or Saturday delivery, shipping of pallets and receipt rolls), as well as an additional 15 percent discount on express and Saturday shipping.

**Your additional Silver VIP advantages:** Once you become a Silver VIP you will automatically receive a welcome gift of 2,000 bonus points. Additionally benefit from free standard shipping in participating countries on orders worth 1,000 euros/1,000 pounds or more.

**Your additional Gold VIP advantages:** Needless to say that Gold VIPs receive the same advantages as Silver VIPs. However, upon attaining Gold status for the first time, you receive 5,000 welcome points. Furthermore, you make an even better margin as free standard deliveries are already available from 600 euros/500 pounds upwards. You also receive 25 percent more bonus points for your shopping.


Service contracts – at a glance:
Extended Warranty:
More safety for you and your customers
Three full years warranty period for each product
Fast and easy process
No forms – merely a 9 percent extra charge
For all products of all manufacturers
Independent of manufacturer warranties
Pre-Exchange Service:
Instant service for failures within the warranty period
Your defective device will be replaced promptly*
Order it too while shopping
Only 8 percent extra charge
Also available as combined service
Pre-Exchange Service plus Extended Warranty

Full Cover – at a glance:
Three years perfect security for your customers
The Full Cover Warranty covers all hardware damage – even damage not usually covered by the manufacturer
Includes Extended Warranty
Warranty coverage for all hardware is automatically extended to three years
Perfect planning security for your customers
No unexpected repair costs or invoices
For many products of all manufacturers
Independent of the original manufacturer warranty
Easy to order!
Simply add a Full Cover Warranty to your order over the telephone or via Internet at 18 percent surcharge

## Safety made simple:
# ONE-CLICK SERVICE CONTRACTS

Buy additional security that you and your customers need for only a few euros/pounds extra! Jarltech's one-click service contracts are easily ordered with your products online with a single click or conveniently over the phone. The service can cover any device of your choice – forms and applications are not necessary. Simply add the service options of your choosing when you order:

**Extended Warranty:** Merely 9 percent extra and you acquire almost all of our products with a full three-year manufacturer-independent warranty. Freely combine Pre-Exchange Service and Extended Warranty for even more security.

**Pre-Exchange Service:** Should a device that was purchased with a Pre-Exchange Service Contract break down during the warranty period, a simple phone call to Jarltech is all it takes to promptly receive a replacement device* – delivered to you or directly to your customer. Then, you simply send back the defective device within the next ten days. You keep the replacement device and do not need to exchange it again. A single payment of merely 8 percent of the original product price is necessary to purchase this service. The service is valid for the entire warranty period, even for extended warranties.

* Provided that the device is available.

## Always on the safe side
# FULL COVER WARRANTY

Jarltech gives you the opportunity to offer your customers excellent service for protection against defects that are not covered by the manufacturer's warranty. Regardless whether the cause is a drop, carelessness, exceptional stress, negligence or untrained personnel, with Jarltech's Full Cover Warranty, you will not be bothered by expensive servicing or unexpected maintenance costs for new hardware any longer. At an extra cost of 18 percent, you receive an all-inclusive service package »Made by Jarltech«. If a device fails during the first three years after purchase, whatever the cause, we repair it or replace it with an equivalent device. Forms and time-consuming quotations are not required.

The advantage for your customers is obvious: even though it includes a higher initial cost, during the warranty period, unexpected costs from hardware defects no longer arise. Over the long term, the investment is safe and the customers can rest assured, as defective hardware is always replaced.

The Jarltech Full Cover Warranty is available for all products priced 150 euros/150 pounds and above. All wearing parts such as consumables or print heads, etc. are excluded from the warranty. However, all damage that was not caused by vandalism, fire or deliberate destruction, is covered by this warranty. Included in the package is a Warranty Extension to three years and coverage of damages that are not covered by the original warranty.

**Demo units – at a glance:**

**Test any product before purchasing!**
Receive demo hardware for presentations

**For direct presentations to your customers**
Convince with concrete arguments

**Easier software adjustments**
Use it as reference hardware for your programmers

**Many devices with a 10-day free trial**
Contact your sales representative for more information

**Large choice and short waiting times**
Almost every product in the catalogue is available for trial without delay

**Marketing – at a glance:**

**Shipping with your bill of delivery**
Send us your layout and direct deliveries will carry your corporate design

**Customised and neutral catalogues available**
Get our latest catalogue without any reference to Jarltech

**E-mailing service**
Jarltech's online tool helps you create professional e-mailings in a few steps

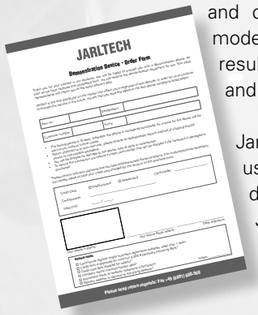
**Event and seminar support**
Jarltech and our manufacturers will support you with your events and seminars

**Product videos**
Demonstrative product videos are available in Jarltech's online library

## Specially for you:

# DEMO DEVICES FOR TESTING AND PRESENTATIONS

Convince your customers with product features and on-site presentations! Only hardware presentations are really convincing – brochures and multi-coloured pictures only give a nice but not lasting effect. Systems that can be touched and tested directly give customers a totally different impression, and comparing the features of different models and brands is made easier. As a result, customers make better decisions and are more confident.


JARLTECH
Demonstration Device - Order Form

Jarltech offers you the opportunity to use our demonstration hardware for ten days' testing. Almost any product in Jarltech's portfolio is available as demo hardware in one or more variants.

Simply choose the required product for your application from our large demo pool, and you will receive it for testing. You receive most of the devices free of charge, and some for a small fee, which is reimbursed to you with your purchase. Also use our demo hardware to adjust software configurations or develop your own drivers and applications.

All presentation hardware is available for short-term immediate delivery without complicated applications. Please consider that some devices require a waiting time. If you need our presentation hardware, simply contact your Jarltech representative for more information, or to choose a suitable version for your application and to arrange a delivery date.

## Convincing competence:

# MARKETING SERVICES

We provide you with more opportunities to sell your solutions with many marketing services – all free of charge or at cost price. Our extensive experience in POS and Auto-ID marketing and the production of advertising material is a guarantee for professional and effective results.

As a Jarltech customer, you are used to having your ordered goods delivered quickly and without complication directly to your customers if you wish. On demand, all bills of delivery of goods shipped to your customers through us will carry **your layout!** Fast and reliable delivery – take advantage of this service and send us your design for bills of delivery and invoices.

Furthermore, all resellers receive a neutral PDF version of the latest catalogue without the Jarltech logo – of course free of charge. Presentation of our products are now possible in full context with all product descriptions, yet without a trace of Jarltech. Alternatively, we design **your very own catalogue** based on the Jarltech catalogue – custom-tailored to your system solutions, with PDFs, print layouts, even with printing and packaging.

Additionally, we offer you our handy **e-mailing tool** that helps you copy and paste our texts and images into your own e-mail newsletters, which you send in batches to your focus group with the press of a button.

# JARLTECH INSIGHTS

## A full-fledged headquarter for China

»Finally!« can be heard at the Shenzen headquarter of Jarltech China. The consolidation of warehouse and office space is complete. The move to the new premises further improves the working conditions for all employees. The result: increased office and warehouse space, plus a more comfortable working atmosphere in an elegant new environment. An additional advantage lies in the new proximity between sales, administration and warehouse: this offers many logistical benefits, and it especially increases shipping speed.

Here‘s to a successful continuation!

## Going further in MENA

Both the offices in Cairo (Egypt) and Dubai (UAE) have also moved into new office space. The offices In Dubai, where Area Management for the MENA region is now located, are situated near the tallest building in the world, the 828 m high Burj Khalifa. What a wonderful neighbor to have when you are growing.

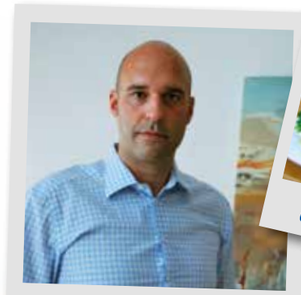
## Cook like a world champion

More than just hardware: take a special peek behind the scenes at the Jarltech Cookbook. The book contains an exclusive collection of international favorite recipes – cooked and presented by Jarltech employees around the world, from all departments. Within the approximately 80 pages you will find plenty of inspiration for your future cooking adventures.

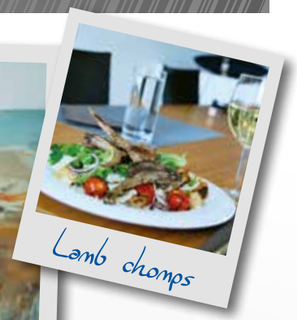
There is also a second edition available: we asked our suppliers to tie an apron around their waist and cook for you. The results speak for themselves. Plus, this way you have a face to go with the vendor’s name. And that is what counts for us: close personal contact.

You don’t have a copy of the Jarltech Cookbooks?

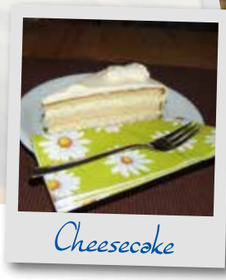
**Then simply call your representative for one!**



**Michael Rabbe**
Head of Business Systems Sales EMEA
Epson



**Bernd Verfürth**
Executive Distribution Channel Manager
Motorola Solutions




## Grow with Jarltech‘s industrial know-how!

Jarltech is proud of its high degree of stock availability and quick delivery speed. But just as important is the quality of advice and consultation that you as a Jarltech customer benefit from every day. In order to simplify your entry into various markets and sectors – healthcare, storage & logistics, etc. – Jarltech offers you special micro websites filled with **market information, typical areas of application and a large selection of corresponding products** – extra for you!

Here you will discover growth potential for your own undertakings, plus show your customers opportunities for optimization. This way, everyone benefits.

Healthcare Solutions

# JARLTECH INSIGHTS

## Take the time to get a new perspective – with our CEO blog

What does Jarltech management have to say about this? Find out in the CEO blog! Current trends in the industry, world new sensations, internal developments and growth figures – experience the world from the CEO's perspective. Refreshing opinions and fascinating insights are waiting for you directly on the Jarltech homepage! Always be among the first to know the latest news.

Visit our CEO blog at: **www.jarltech.com**

Jarltech iPhone app for field technicians
Our iPhone app for support technicians is now available in the app store. If a service engineer encounters a defective product in the field, he just scans the barcode and receives the warranty status in return. The app will also show any service contracts connected to that unit, as well as the country-specific return-to address.
The Android version is ready as well, and will be available for many years, delivers all other Jarltech contents (including this blog) to your mobile device. In the near future, we will combine the functionality of our different apps into one.
Ulrich Spranger
03.04.2014
The first quarter in 2014 ...
I am happy that our team was again able to increase order inflow by 23% compared to the same quarter last year. Such news fit the bright weather.
Ulrich Spranger
02.04.2014
Zebra buys Motorola
Today we are preoccupied with the news that Zebra bought Motorola (for 3.5 billion USD, according to Reuters). Very interesting, but with a little thought, it was foreseeable. After all, Zebra had to do something to keep up with Honeywell (who just acquired a new printer line with Intermec). We are asking ourselves the question, of course, how this will affect the distribution market in Europe. There will be some concentration risk, on both the vendor and the distributor side. However, the situation remains exciting!
Ulrich Spranger
15.04.2014
JARLTECH
JARLTECH CEO BLOG

# JARLTECH

## »My Account« means more comfort for you

As a registered Jarltech customer you have direct access to your data.

Under »My Account« you have versatile services at your disposal. Track current orders, manage your delivery and billing addresses and easily create RMAs without complications. You have direct access to exclusive special offers, to the Jarltech newsletter, as well as our marketing services – all at a glance!

**If you should have any questions simply contact your sales representative.**

www.jarltech.com



# JARLTECH APP

## Keep your overview: Jarltech as a compact app for on-the-go

The Jarltech app offers you many practical and important functions with which you may also keep track of your business when underway, without stress. Via the app log directly into your personal customer account to quickly and reliably receive individual prices, see stock quantities, etc.

Access to the newest product news and special offers, even the CEO blog, is just as easy – simply select the desired option from the home screen. The same applies to the Jarltech Bonus Shop: browse through the available premiums anytime and pick out your favorites. Your collected number of points is always current.

**In short: you have many functions of the Jarltech website and the online shop in a compact format, optimized for on-the-go usage.**

But there is more: with the app you also have the integrated service function at your fingertips – for simple on-site access to warranty and service data of defective hardware. Simply scan the barcode of the defective device and call up all available data. Comfortably forward all the information – including the responsible service center – via e-mail.

With just one app you have access to the most important Jarltech functions – anytime, anywhere!

**Simply scan the QR-Code and download the App for free!**

GET IT ON Google play

Download on the App Store

Apple, the Apple logo, iPhone, iPad, and iPod touchare trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

# JARLTECH EUROPEAN AIDC/POS SHOWROOM AND TRAINING CENTRE

## Hardware you can touch

Welcome to Europe's largest exhibition for POS and Auto-ID perpetually open for you, where all the leading vendors present nearly their entire portfolio. Have a look at and test POS systems, barcode scanners, printers and handheld terminals over an area of several hundred square metres. Hundreds of devices are set up, configured and ready to go – from barcode scanners to large format IDS displays.

### Test, compare, present: one visit is all it takes

The exclusive Showroom was conceptualized and established for you, of course – our customers. The combination of the newest models, together with such a comprehensive portfolio that you will not find anywhere else, gives you a current overview and excellent comparison options at all times. That is also a reason why both Jarltech and the represented vendors gladly use the rooms for training sessions and presentations. You can too: simply bring your customers with you and let them test and compare for themselves on-site. A grounded purchasing decision ensures for a long-term feeling of satisfaction – for both you and your customers. The same applies to the training area and adjoining conference rooms. We will gladly make either the entire area or just a portion available to you for your next event.

DATALOGIC · Honeywell · Getac · METAPACE · EPSON · CITIZEN · Intermec by Honeywell

### Compare

Test and compare hundreds of devices from the top vendors on-site – when it fits into your schedule.

### Relax

Utilise the convenient Jarltech pick-up service directly from the Frankfurt Airport or Train Station for both you and your customers – in half an hour, you are here.

### Host

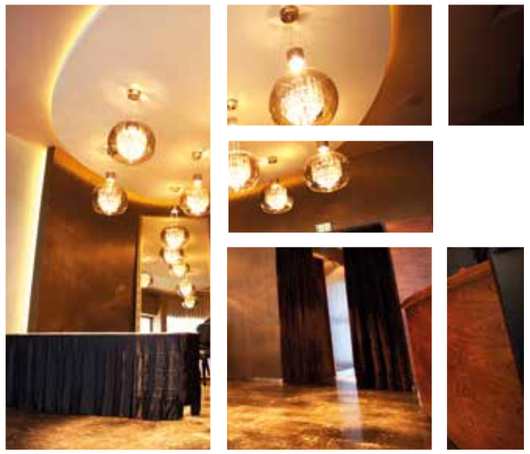
Come by with your customers too. In the adjoined Training Centre, there is plenty of space for your customer events and training sessions.

GLANCETRON · Colormetrics · elo TOUCH SOLUTIONS · Panasonic ideas for life · ZEBRA TECHNOLOGIES SEE MORE. DO MORE. · iiyama · MOTOROLA SOLUTIONS

## Jarltech Networking Dinner & Gitex Networking Event

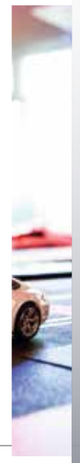
**Networking in the best of company**

A close relationship with partners, good communication - that is the basis for business success. Jarltech maintains regular exchange and organizes international networking events in Frankfurt am Main for Europe, and in Dubai for the MENA region. An evening during which the cooperative partnership is in the foreground and the relaxed lounge atmosphere brings Jarltech employees, manufacturers and customers closer together.



**An institution: the Jarltech Networking Dinner**

The evening features a fantastic barbecue buffet, cocktails and live music, along with a view of the skyline - that is the Jarltech Networking Dinner in the heart of Frankfurt am Main. Such a relaxed evening is ideal for small talk, as well as for exchanging ideas - spanning departmental, organizational and geographic boundaries. Over a refreshing cold drink new contacts are made and existing ones are deepened, ideas are developed and experiences are shared. Entertainment is also well taken care of: attractions like original arcade game machines, a close-up magician, a raffle or the largest Carrera race track in Europe provide the necessary extra kick everytime. All too soon it's over and then the waiting starts again. Here's to the next »Jarltech Networking Dinner«.



**The Gitex Networking Event in Dubai**

Even in Dubai, where the Jarltech Area Management for the MENA region is located, Jarltech regularly extends invitations for an exchange between good partners. The Gitex Networking Event has since become an institution there: every year the event takes place on the outskirts of the largest IT trade show in the region, the Gitex. This brings vendor partners, customers and the Jarltech team together in a relaxed atmosphere, and makes a lasting contribution toward a trusting partnership. The difference between the networking in Frankfurt: the view and surroundings are a bit more spectacular!

## Jarltech Networking Dinner Videos

Pictures are not enough? Then watch the videos of our events in full length on our Facebook page.

**Visit us on www.facebook.com/jarltech. Scanning this QR code will lead you there!**

# CT-S 801 601 851 651

## Perfect Desktop Solution for POS and Hospitality

**Different Models for all demands:**

- **Front-Exit:** Splash Proof Design for Bars and Hospitality
- **Top-Exit**: Perfect Equipped for all Shop and Retail Needs
- Available as Low-Cost or High-Performance Version
- Available with Arabic fonts
- High-Speed Receipt Printing with up to 300 mm/sec.
- LCD versions secure easiest handling and fast configuration
- Cutter and AC adaptor integrated as standard

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**The Japanese company Citizen has been the leader for years in the development and manufacture of micro-mechanical and micro-electronic products. Along with manufacturing machine tools, office machines and CNC devices, the business sector for professional products also encompasses primarily various printer series. As an official distributor for label and POS printers from Citizen, Jarltech offers you innovative and aggressively priced devices with many unique characteristics for demanding users.**

For decades, the POS printers from Citizen have been well known and liked on the market. Over 40 years of experience flows into the printer series, which will impress you as reseller in your respective market segment with real innovations and exceptional features specially protected printers for industrial and gastronomic surroundings, exceptionally fast and robust POS printers, or printers for especially wide receipts with high information density are a few of the unique products from Citizen.

Citizen also plays a significant role in the production and development of printers for labels, foils, tickets and similar materials. The Citizen printer systems have made their mark in space-saving desktop printers for shipment or production labels, up to high performance printers for extremely demanding applications in the industry and logistics.

Professional printer systems support the most diverse processes in the industry, logistics and commerce. Downtimes or delays caused by malfunction or operator error could be catastrophic for applications such as check-in at the airport, just-in-time logistics, or highly frequented cashier stations in retail. Along with the extremely high reliability, Citizen printer systems offer their customers an exemplary user-friendliness and especially sophisticated handling.

With combined sales of approximately 2.15 bn euros, Citizen is a strong partner with optimal development, production and service processes. As an official distributor, Jarltech offers you not only products overnight and first-hand support, but also replacement parts and rapid repair of Citizen receipt and label printers.

## Citizen Thermal Printers

| Product | Citizen CT-S801/851 | Citizen CT-S601/651 | CT-S2000/L | CT-S310II | CT-S280/281 | CT-S4000/L |
|---|---|---|---|---|---|---|
| **Description** | Page 166 / Page 167 | Page 167 | Page 168 | Page 168 | Page 169 | Page 169 |
| **Technology** | Direct thermal, bicoloured | Direct thermal | Direct thermal, bicoloured | Direct Thermal | Direct Thermal | Direct thermal, bicoloured |
| **Paper** | 83/80/60/58 (W) ø80 mm | 83/80/60/58 (W) ø83 mm | 83/80/60/58 (W) ø102 mm | 80/58mm (W) ø83 mm | 58 (W) ø83 mm | Roll: 112/82.5/80 (W) ø102 mm, Label: 112 (W) ø102 mm |
| **Printing width (mm)** | 80/72/64/54.5/54/52.5/48/68.25 | 80/72/64/54.5/54/52.5/48/45/ 48.75/68.25 | 80/72/54.5/54 | 72/48 | 48 | 104/82.5/72 |
| **Printing speed** | 300 mm/sec. | 200 mm/sec. | 220 mm/sec. | 160 mm/sec. | 80 mm/sec. | 150 mm/sec. |
| **Character per line (Font A; B; C)** | 83: 53; 71; 80 // 80: 48; 64; 72 60: 36; 48; 54 // 58: 35; 46; 52 | 83: 53; 71; 80 // 80: 48; 64; 72 60: 36; 48; 54 // 58: 35; 46; 52 | 80: 53; 71; 80 // 72: 48; 64; 72 54.5: 36; 48; 54 // 54: 35; 46; 52 | 80: 48; 64; 72, 58: 35/32; 46/42; 52/48 | 48: 32; 42 | 112: 69; 92; 104 // 82.5: 55; 73; 82 80: 48; 64; 72 |
| **Character size (Font A/B/C)** | 1.5 × 3.0 // 1.13 × 2.13 // 1.0 × 2.0 | 1.5 × 3.0 // 1.13 × 2.13 // 1.0 × 2.0 | 1.25 x 3.0 // 0.88 x 3.0 // 0.88 x 2.0 | 1.50 x 3.0 // 1.13 x 3.0 // 1.0 x 2.0 | 1.25 x 3.0 // 0.88 x 3.0 // 0.88 x 2.0 | 1.25 x 3.0 // 0.88 x 2.13 // 0.88 x 2.0 |
| **Character set** | Code page 437, 850, 852, 857, 858, 860, 863, 864, 865, 866, Katakana, WPC1252, Thai code 18 | | | Code page 437, 850, 852, 857, 858, 860, 863, 864, 865, 866, Katakana, WPC1252, Thai code 18 | | |
| **Bar codes** | All standard 1D and 2D Bar codes | All standard 1D and 2D Bar codes | All standard 1D and 2D Bar codes | All standard 1D and 2D Bar codes | All standard 1D and 2D Bar codes | All standard 1D and 2D Bar codes |
| **Interfaces** | IEEE1284, RS232C, USB, Ethernet, p. USB | IEEE1284, RS232C, USB, Ethernet, p. USB | IEEE1284 & USB, RS232C & USB | USB, RS232C | IEEE1284, RS232C, USB | IEEE1284 & USB, RS232C & USB |
| **Memory** | 384 KBytes | 384 KBytes | 384 KBytes | 384 KBytes | 256 KBytes | 384KBytes |
| **Auto cutter** | Full and partial | Full and partial | Full and partial | Full and partial | Full and partial | Full and partial |
| **Cash drawers** | 2 | 2 | 2 | 2 | – | 2 |
| **Power supply** | Input: AC100-240V, 50/60Hz, 150VA Output: DC24V, 2A DC 24V ± 7% | Input: AC100-240V, 50/60Hz, 150VA Output: DC24V, 2A DC 24V ± 7% | Input: AC100-240V, 50/60Hz, 150VA Output: DC24V, 2A DC 24V ± 7% | Input: AC100 - AC240 V, 47/63Hz, Engery Star approved | DC 8.5V | Input: AC 100-240V, 50/60Hz, 150VA, Output: DC 24V, 2A DC 24V ± 7% |
| **Dimensions mm // kg** | 145 x 192 x 148 // 2.0 | 145 x 192 x 148 // 2.0 | 147 x 147 x 207 // 2.0 / 1.8 | 140 x 195 x 132 mm // 1.9 kg | 106 x 180 x 105mm // 0.63 | 177 x 147 x 213 // 2.1 / 1.9 |
| **Colour** | White, black, dark grey | White, black, dark grey | White, black | White, black | White, black | White, black |
| **Operating Temperature** | -20 to 60°C, 10 to 90% RH | -20 to 60°C, 10 to 90% RH | 5 to 40°C, 10 to 90% RH | 5 to 45°C, 10 to 90% RH | 0 to 40°C, 10 to 85% RH | 5 to 45°C, 10 to 90% RH |
| **Reliability** | 20mio. lines, print head: 200mio. pulses or 150 km, auto cutter: 2mio. cuts | 20mio. lines, print head: 200mio. pulses or 150 km, auto cutter: 2mio. cuts | 20mio. lines, print head: 200mio. pulses or 150 km, auto cutter: 2mio. cuts | print head: 300.mio pulses or 150km, auto cutter: 2mio. cuts | print head: 100mio.pulses or 50 km | 20mio. lines, print head: 100mio.pulses or 100 km, auto cutter: 1mio. cuts |
| **Warranty** | 24 months | 24 months | 24 months | 24 months | 24 months | 24 months |

## Mobile Printers

| Product | CMP-20 | CMP-30 | CMP-40 |
|---|---|---|---|
| **Description** | Page 170 | Page 170 | Page 170 |
| **Technology** | Direct thermal | Direct thermal | Direct thermal |
| **Paper** | 58 (W) ø48 mm | 25 - 80 (W) ø56 mm | 50-112 (W) ø56 mm |
| **Printing width** | 48 mm | 72 mm | 104 mm |
| **Printing speed** | 80 mm / sec. | 100 mm / sec. | 80 mm / sec. |
| **Character per line (Font A; B; C)** | 32; 42 | 48; 64 | 69; 92 |
| **Character size (Font A/B/C)** | – | – | 12x24 dots / 9x17 dots |
| **Character set** | ASCII, Alphanumeric, international, Win. code page | ASCII, Alphanumeric, international, Win. code page | ESC/POS, CPCL, ZPL, Command compatible |
| **Bar codes** | All standard 1D and 2D Bar codes | All standard 1D and 2D Bar codes | All standard 1D and 2D Bar codes |
| **Interfaces** | RS232, USB2.0, Bluetooth (opt.), WLAN 802.11b/g (opt.) | RS232, USB2.0, Bluetooth (opt.), WLAN 802.11b/g (opt.) | RS232, USB, Bluetooth (opt.), Wi-Fi 802.11 a/b/g (opt.) |
| **Memory** | – | – | – |
| **Auto cutter** | – | – | – |
| **Power supply** | Lithium Ion, 1900 mAh | Lithium Ion, 2200 mAh | Lithium Ion, 2600 mAh |
| **Dimensions mm // kg** | 96 x 136 x 58 mm // 0.44 | 120 x 70 x 152 mm // 0.63 | 154 x 174 x 80 mm // 1.0 |
| **Colour** | Black | Black | Black |
| **Operating Temperature** | 5 to 40°C; 35 to 80% RH | 5 to 40°C; 35 to 80% RH | -20 °C to 55 °C (subject to suitable media being used), 90% RH |
| **Warranty** | 24 months | 24 months | 24 months |

## Built-in Printers

| Product | PMU2200II/2300II | PPU-700II |
|---|---|---|
| **Description** | Page 171 | Page 171 |
| **Technology** | Direct thermal | Direct thermal |
| **Paper** | 80 / 58 (B) ø 102 mm | 83, 80, 67, 58 (B) ø 83 mm |
| **Printing width** | 80 mm / 58 mm | 80, 72, 60, 54 mm |
| **Printing speed** | 150 mm/sec. | 150 mm/sec. |
| **Character per line (Font A; B; C)** | 80: 48; 64; 72, 58: 36; 48; 54 | 80: 48; 64; 72 |
| **Character size (Font A/B/C) mm** | 1.25 x 3.0; 0.88 x 3.0; 0.88 x 2.0 | 1.25 x 3.0; 1.13 x 2.13 mm, 1.00 x 2.00 mm |
| **Character set** | Code page 850, 852, 857, 858, 860, 863, 864, 865, 866, Katakana, WPC1252, Thai code 18 | |
| **Bar codes** | All standard 1D and 2D Bar codes | All standard 1D and 2D Bar codes |
| **Interfaces** | IEEE1284, RS232C or USB | Parallel, RS232, USB |
| **Memory** | 256 KBytes | 256 KBytes |
| **Auto cutter** | Full and partial | Full and partial |
| **Cash drawers** | – | – |
| **Power supply** | DC 24V ± 7% | – |
| **Dimensions mm // kg** | 101 x 96 x 179 // 0,9 118 x 96 x 179 // 1.1 | 145 x 160 x 172 // 1,6 |
| **Colour** | – | – |
| **Operating Temperature** | -20 to 60°C, 35 to 85% RH | 5 to 40°C, 35 to 85% RH |
| **Reliability** | Print head: 100mio. pulses or 100km auto cutter: 1mio. cuts | Print head: 100mio. pulses or 150km auto cutter: 1 mio. cuts |
| **Warranty** | 24 months | 24 months |

## Dot Matrix Printers

| CD-S50X |
|---|
| Page 171 |
| Dot matrix, bicoloured |
| 76.2 / 69.5 / 57.5 x 0.5 (B) ø 83 mm |
| – |
| 6.0 lines/sec. |
| 76.2: 40/42; 33/35 // 69.5: 36/30; 38/31 // 57.5: 30/25; 31/26 |
| 1.25 x 3.12, 1.57 x 3.12 |
| Alphanumeric, International, Code page 437, 850, 860, 863, 865, 852, 866, 857, 858, WPC1252 |
| All standard 1D and 2D Bar codes |
| Parallel, RS232C, USB |
| 4 K/40 Bytes |
| ACS-532 (CD-S501 and 503) |
| 2x |
| DC 24V 7% |
| 156 x 174.4 x 247.7 // 2.8 |
| white, black |
| 0 to 50°C, 10 to 90% RH |
| MCBF: 7.5M. lines, print head: 150M. characters, Autocutter: 1M. cuts |
| 24 months |


Citizen

## Citizen CT-S801

- **Direct thermal POS printer for high comfort at the cashier station, in the shop or gastronomy**
- **Integrated LCD display: easy operation and perfect service options**
- **Among the fastest printers: also prints two-colour receipts enormously fast at up to 300 mm/sec.**
- **Variable paper width for individual requirements**
- **Cutter and PSU integrated standard**

**With the new direct thermal printer CT-S801, Citizen has revolutionised the market for POS printers and presents a powerful receipt printer that sets new standards in speed and performance, as well as in simple operation and service. As the only printer of this type with an integrated LCD display, the CT-S801 simplifies not only configuration, but also is unrivalled in terms of handling and troubleshooting. The decades of experience in developing print systems, as well as the innovation of concept and design, successfully merge in the CT-S801. The printer not only provides a professional solution to the needs of the market, but rather surpasses these.**

The integrated LCD display is the key for easy user operation. Along with messages and status information, all error messages are shown on the display. The easy navigation is guaranteed via the user button, whereby uninterrupted use is ensured even for untrained personnel. Especially effective is the off-site diagnosis: errors are directly reported from customers and are clearly assigned by them; the users correct the problem themselves using the instructions – device breakdowns are thus corrected within a few seconds. Moreover, they conduct maintenance and replacement procedures within a brief time directly on-site: a defective cutter is replaced within 30 seconds, the printer head in 90 seconds.

At up to 300 mm per second, the CT-S801 is the fastest direct thermal POS printer on the market. Customers optionally print two-colour, high-quality receipts with 8 dots/mm (203 dpi). Paper widths of 83, 80, 60 and 58 mm as well as paper grades of 65 and 150µm are professionally printed with text, graphics and 2D barcodes. In a split second, the integrated cutter cleanly separates receipts almost noiselessly and makes them available to the user. In addition, complete and partial cuts can be selected using commands. The Quick Clear technology clears paper jams in the cutter module in a single process: if the cutter is jammed from objects or shredded receipts in the cutting area, opening the front cover automatically resets it back in its basic position, thanks to the integrated »self-retracting system«, and it is again immediately ready for use.

To replace receipt rolls, the entire cover opens with only one touch, giving direct access to the periphery of the device and providing more room when reloading. Cumbersome threading of receipts is no longer necessary: simply insert and close the lid – finished! The ingenious aspect here: the soft-opening and closing mechanism prevents jammed fingers.

Despite these first-class features in ergonomics and design, the CT-S801 makes a particularly small impression at the POS or office desk with its compact design and solid dimensions. The PSU is integrated into the housing standard, reducing cable clutter and avoiding downtimes due to unplugged cables. In the event of damage, the PSU is replaced in a few easy steps. If needed, in order to reduce the dimensions even further, you simply disassemble the integrated adapter shell and run it with an external PSU.

In order to be able to react flexibly to customers' needs, the CT-S801 comes standard with an integrated interface module: along with a parallel, serial, USB and Ethernet interface, you can optionally select a powered USB connection as well as a USB hub. A cash drawer connector, as well as an additional RJ-45 port for further peripheral devices such as a customer display, etc. is also included. Replacement is made simple through adaptation using the included software and the high compatibility of the Citizen mini printers. The CT series printers are completely ESC/POS compatible and all required drivers for 2000/XP/Vista/2003 Server, Linux and OPOS are naturally included in the scope of delivery.

Perfectly coordinated with the surroundings at a POS, bar, restaurant or shop, the printers of the CT series are available in black or white. In the scope of delivery, you find everything required for secure and immediate use: along with PSU and power connecter cables, the CT-S801 also has a USB cable (only with the version with USB interface), and a receipt roll. A cable and switch cover prevent unintended shutdowns or unplugging of cables, thereby increasing security and stability during operation.





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## Citizen CT-S851

- **Thermal POS printer with front output – for high security in gastronomy and trade**
- **Integrated LCD display: simple operation and perfect service options**
- **Prints receipts in two colours (if desired) at up to 300 mm/sec.**
- **Variable paper widths for individual requirements**
- **Cutter and power supply integrated as standard**

With the CT-S851, Citizen complements its family of powerful POS printers for cash desks, trade and gastronomy with a thermal printer including front output that produces receipts at 300 mm/sec. The self-explanatory operation and front output of receipts guarantee absolute security in the smallest space, in particular for surroundings where dirt, falling objects or spilled liquids are a daily occurrence. The integrated LCD display makes configuration easy even for beginners, while maintenance and exchange of consumables are optimised through coloured error messages.

The CT-S851 creates high quality receipts optionally in two colours at 8 dots/mm (203 dpi). It professionally prints text, graphics and 2D bar codes on paper widths of 83, 80, 60 and 58 mm as well as paper thicknesses between 65 and 150 µm. The integrated cutter separates receipts cleanly and virtually noiselessly, while the large selection of interfaces leaves nothing to be desired in terms of connection options.

## Citizen CT-S651

- **Compact direct thermal POS printer with front output**
- **Fast receipt printing at up to 200 mm/sec.**
- **User-friendly handling for easy configuration and operation**
- **Cutter and power supply integrated standard**

The product family of the CT-S800 and CT-S600 models convincingly fulfill all requirements in POS areas. The uniform concept ensures that hardware is easily exchanged with others in order to promptly meet changing circumstances. With the CT-S651, Citizen offers a thermal printer with front output in the entry-level segment and successfully rounds out the package of professional POS hardware. You expect not only simple handling and easy-to-use features at a favourable price, but much more the outstanding versatility:

Receipt printing with 200 mm/sec., at 8 dots/mm (203 dpi) resolution and variable paper widths of 83, 80, 60 and 58 mm ensure a large number of different applications, along with quick access for exchanging consumables. The receipts are produced optionally in two colours and cut cleanly and virtually noiselessly with the integrated cutter. You get the CT-S651 as standard with integrated power supply and interchangeable interface: the selection ranges from a parallel, serial, USB and Ethernet interface to a powered USB connection or USB hub.

## Citizen CT-S601

- **Compact direct thermal POS printer in functional design**
- **Fast receipt and voucher printing at up to 200 mm/sec.**
- **User-friendly handling for easy configuration and operation**
- **Cutter and power supply integrated standard**

With the CT-S601, Citizen offers a powerful and attractively priced direct thermal printer. The smaller brother to the powerful CT-S601 impresses through easy handling, simple to use features as well as quick maintenance. The 200 mm/sec. speed, 8 dots/mm (203 dpi) resolution, and variable paper widths of 83, 80, 60, and 58 mm make the printer suitable for multiple applications.

The CT-S601 not only professionally prints receipts (optionally in two colours), but also separates these cleanly and virtually silently with the integrated cutter; full or partial cuts are freely selectable. Cumbersome threading of the paper when exchanging rolls is no longer necessary, simply insert and close the lid – finished! The best part: you get the CT-S601 with an integrated exchangeable interface standard - you choose between a powered USB interface as well as USB hub, along with a parallel, serial, USB and Ethernet interface. The power supply is also integrated in the housing standard, emphasizing the compact design, while the small dimensions make it the perfect companion at the POS and office work station.

## Information

### Save unnecessary expenditures!

For making adaptions of your software to our hardware easy for you, we gladly send loan equipment to you from our demo pool. Nearly all other products in this catalogue are available free of charge for you for a certain time of testing, demonstrating or adaptation to your software solution. Make use from this service, protect yourselves from surprises with the later installation.

Our presentation devices are your unique selling preposition compared to your competitors. When your customers can feel, see and touch the devices, you will most probably get the order. While your competitors can only show data sheets, you can convince the client with seizable arguments.

In order to receive free presentation equipment, please contact your account manager from our sales team free of charge.

## Citizen CT-S2000/L

- **High-speed thermal printer for POS, retail and catering**
- **Prints two-coloured receipts at up to 220 mm/sec.**
- **Special splash water-resistant design for kitchens and restaurants**
- **Variable paper widths for individual demands**
- **Cutter and AC adaptor integrated in every standard model**

The CT-S2000 offers genuine high-speed printing with up to 220 mm per second at 8 dots/mm (203 dpi). Using the intelligent direct memory access (DMA), the CT-S2000 optionally prints two-coloured receipts without delays. No matter if requirements call for high-performance receipt printing, perfectly printed ticket and vouchers, or a fast printer for transcripts - the Citizen CT-S2000 is always the right choice.

The CT-S2000 is equipped with the patented Spill Shield that prevents damage from liquids and foreign objects – additional protective covers used in comparable products are not necessary anymore. The front paper output with integrated auto cutter guarantees that users only produce cleanly cut receipts. If the cutter stops because of objects or creased paper, it returns automatically to its rest position using a self-retracting system, giving users access for servicing. The high-speed receipt printer can process large paper rolls of up to 102 mm in diameter, minimising media changes and failures. The entire lid opens on contact, receipt rolls of different widths from 82.5, 80, 60 and 58 mm are replaced within seconds: simply insert the roll, close the lid and start printing!

The CT-S2000 is also available as a label printer variant for special applications. The CT-S2000L has the same specifications as the receipt printer model. It prints labels of various sizes using direct thermal printing at speeds of up to 220 mm per second. The standardly integrated label sensor detects the end of the labels automatically, allowing the auto cutter to slice off the labels cleanly. Optionally, the CT-S2000L is also available with a reflective mark sensor (black mark) for labels without a liner and for perforated labels.

The AC adaptor is integrated in all standard models, effectively reducing cable tangle and failures due to damaged cables. If necessary, the adaptor can be replaced in only a few steps. The printer is equipped with a USB interface by default, and a second interface (parallel, serial, or Ethernet) can be added according to the desired application. The device is also equipped with two integrated cash register interfaces and provides compatibility with almost any cash box on the market.

## Citizen CT-S310II

- **Compact thermal printer at entry-level price**
- **Green IT concept: energy-saving printing and ENERGY STAR PSU**
- **Receipt rolls of 58 and 80 mm; 8 dots/mm (203 dpi) at up to 160 mm/sec.**
- **Dual USB/RS232 interface standard**
- **Long Life Print Technology: printhead up to 200 km; 2 M cuts; tools-free maintenance**

The CT-S310II convinces through high performance, while its footprint remains little. It is a well-equipped direct thermal POS printer at a competitive price. It processes receipt rolls of 58 or 80 mm widths at a speed up to 160 mm per second and quality of 8 dots/mm (203 dpi). Whether it is for retail, hospitality, kiosk or kitchen systems, the CT-S310II creates tickets and receipts in a quick and energy-saving manner, thanks to its Energy Star rating.

Efficient features reduce its power consumption, while intelligent tools, such as a paper-saving function, reduce costs. The printer's sturdy construction and powerful cutter ensure a long operating life. The cutter is also able to remove paper jams automatically and separates printouts in full or partial cuts. The Energy Star-certified PSU is incorporated; intelligent casing design allows for installation horizontally, vertically or directly on the wall. As a standard feature, the CT-S310II comes with both a USB and RS232 interface. Available in black or white, it integrates itself seamlessly into nearly any environment.

## Information

### Jarltech One-Click Service

Buy more safety for your company and your customers: For an extra charge you acquire almost all of our products with **a full three year manufacturer independent warranty.**

Additionally, Jarltech offers you optional **pre-exchange service:** If the device fails within the warranty period, we immediately send a replacement to you. After receiving the replacement, you simply send back the defective device. The service is valid for the whole warranty period, even for extended warranties.

**Pre-exchange service** and **extended warranties** can be combined freely. Order both services over the telephone or with a click from our Jarltech webshop.

## Citizen CT-S280/281

- **Ultra-compact thermal printer for POS, retail and catering**
- **Also prints two-coloured receipts at up to 80 mm/sec.**
- **Optional: CT-S281L - faster label printing at up to 60 mm/sec.**
- **Integrated cutter for cleanly cut receipts (CT-S281 and CT-S281L)**
- **Low voltage supply (8.5 V) for special applications**

If only limited space is available, modern design and compact size become essential characteristics for efficient POS printers. High performance and innovative technology in an expecially compact mini printer distinguish the CT-S280/281. The CT-S281L has dimensions of only 106 x 180 x 105 mm (WxDxH) and allows for the printing of 54 mm wide receipts and stickers at a speed of up to 60 mm per second. There is also a serial or USB version available for this model.

Printing of two-coloured receipts at 8 dots/mm (203 dpi) is also possible with special paper. Use this feature to add value to receipts with text, barcodes and artwork. For specialised processes in industry and development, the CT-S281 offers 2D barcode printing (PDF417, QRCODE) with an integrated cutter. It separates logs and receipts partially or fully from the roll.

Equip the CT-S280/281 according to applications with either a serial, parallel (CT-S280 only), or USB interface. As it runs with 8.5 V power supply, an additional AC adaptor is not necessarily required, and it can be connected to existing systems or computers directly. Naturally, it offers full ESC/POS compatibility. For increased flexibility with integration into existing systems, it comes with all drivers for Windows 2000/XP/Vista/2003 Server and CUPS.

The CT-S280/281 is available in black or white for perfect placement in modern POS environments. Optionally, it can be wall-mounted for extra shop space in retail or restaurants. No matter which version you prefer, their high compatibility and user-friendliness in operation and configuration will definitely satisfy you.

## Citizen CT-S4000/L

- **Compact thermal printer for receipt rolls up to 112 mm**
- **Optional two-colour-printing at up to 150 mm/sec.**
- **Easy paper loading, easy loading of large rolls (102 mm in diameter)**
- **USB interface in every standard model, optional dual interface**
- **Optional wall-mounting and label printer kits**

The CT-S4000 is a thermal printer capable of processing very large-sized media. Already well known for years, this printer produces receipts with a maximum width of 112 mm. The printer accepts different sizes of 80, 82.5 and 112 mm width, as well as large rolls with 102 mm in diameter, and easy paper loading allows even the most untrained worker to complete this task within seconds.

Produce value-added receipts and vouchers with 8 dots/mm (203 dpi) at 150 mm per second: the integrated cutter separates the receipts cleanly and automatically, and with special paper, the CT-S4000 also prints two-coloured receipts for promotions and advertising. An integrated flash memory module (384 kB) allows for storage of individual logos and symbols. The whole printing process is accelerated while waiting times are reduced significantly.

A sophisticated design makes it possible to place the CT-S4000 horizontally, vertically or using the optional wall-mounting kit, directly on the wall. The AC adaptor is already integrated into the compact body, which makes additional external devices obsolete. The integrated dual interface guarantees easy connectivity: every standard CT-S4000 model is equipped with a USB interface. Additionally, you can equip the printer with an optional parallel or serial interface to access existing infrastructure. Cash drawers are connected using one of the two printer ports.

The CT-S4000 is also available as a label printer variant for special applications. The CT-S4000L has the same specifications as the receipt printer model. It prints labels of various sizes and a maximum width of 112 mm using direct thermal printing at speeds of up to 150 mm per second. The integrated label sensor detects the end of every label flawlessly. Optionally, the CT-S4000L is also available with a reflective mark sensor (black mark) for labels without a liner and for perforated labels.

Like all other Citizen printers, the CT-S4000 also comes with professional customisation software. The configuration interface is extremely easy to use and allows extensive changes for one or many printers in just a matter of seconds.

## Citizen CMP-20

- **Compact mobile printer for 58 mm (2.3“) wide receipts**
- **Direct thermal printing of receipts at up to 80 mm/sec.**
- **Robust construction, protection class IP42**
- **Interfaces: RS232 and USB, optional Bluetooth (MFi), Wi-Fi**
- **Windows, iOS, Android and SDK drivers**

The CMP-20 is the smallest of the mobile printer family from Citizen and is second to none in terms of performance, intelligent features and robust design. The 58 mm (2.3“) variant creates professional vouchers and receipts in direct thermal process at up to 80 mm/sec. and 8 dots/mm (203 dpi). The compact mini printer not only features perfect handling but also has an easy method to exchange rolls: the large receipt roll supply with up to 48 mm diameter minimises roll changing, furthermore a new roll is easily placed in the housing – drop-in paper loading and sensors do the rest without wasting paper for adjustments.

The standard integrated RS232 and USB interfaces (MFi-certified Bluetooth for uninterrupted communication with Apple mobile devices and Wi-Fi optional) guarantee a large range of applications, while the printer optionally accommodates a magnetic stripe and smart card reader, giving the necessary flexibility.

## Information

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As we do not offer solutions, nor software, nor setup or on-site service, we need your competence, knowledge and services to make our hardware running. Therefore, we never sell to end-users or industrial customers.

This means, we keep the channel clean so you can rely on the fact that we are always your partner for successful business.

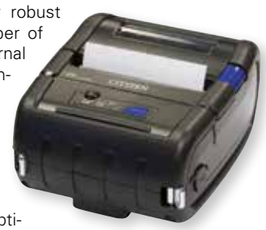
If you have any questions, just call your account manager from our sales team free of charge!

## Citizen CMP-30

- **Compact mobile printer for 80 mm (3.2“) wide receipts and labels (CMP-30L)**
- **Professional direct thermal printing with up to 100 mm/sec.**
- **Robust construction, protection class IP42**
- **Interfaces: RS232 and USB, optional Bluetooth (MFi), Wi-Fi**
- **Windows, iOS, Android and SDK drivers**

With the CMP-30 from Citizen, you get a powerful and robust mobile printer that provides a large range of applications: it creates receipts and vouchers as well as labels (CMP-30L) using direct thermal printing at up to 100 mm/sec. and 8 dots/mm (203 dpi). Different media from 25 to 80 mm width are easily replaced, although regular media changing is minimised due to the large capacity 56 mm diameter media rolls.

Through its protection class IP42, the compact mobile printer is absolutely robust and thus ready to use in a number of applications in internal and external areas, while its operational concept and handling leave nothing to be desired, even for untrained users. The standard integrated RS232 and USB interfaces (MFi-certified Bluetooth for uninterrupted communication with Apple mobile devices and Wi-Fi optional) ensure not only a large range of applications, but optionally, the printer accommodates a magnetic stripe and smart card reader, giving the necessary flexibility.



## Citizen CMP-40

- **Mobile thermal printer for labels and receipts up to 112 mm wide**
- **Robust plastic housing with color display, IP54-protected**
- **Max. print speed: 80 mm/sec. at 203 dpi**
- **Interfaces: RS232 and USB, optional Bluetooth (MFi), Wi-Fi**
- **Drivers for Windows, iOS and Android**

What means the most to mobile workers? That everything runs smoothly. Thus, the main focus of the portable thermal printer CMP-40L from Citizen is reliability. Its robust plastic housing with IP54 certification withstands daily challenges, even falls from heights of 1.80 m. Printing labels and receipts with an adjustable width up to 112 mm is simple. Upon request, the integrated peeler removes the backing paper in one step, greatly simplifying handling for users in retail.

Changing rolls and the battery is just as simple, and takes merely a few seconds. The clear structure of the color display is user-friendly. Connect the CMP-40L easily to mobile computers, etc. via the standard RS232 and USB interfaces. Optionally available are 802.11 a/b/g Wi-Fi and Apple MFi-certified Bluetooth, for integrating the printer wirelessly and seamlessly into the desired working environment. For greater flexibility, choose between drivers for Windows, as well as software development kits for iOS and Android.





## Citizen CD-S50X

- **Robust high-speed dot matrix printer for POS and production**
- **Easy paper loading: variable receipt widths up to 76 mm**
- **Prints two-coloured receipts at up to 5 rows / sec.**
- **Different versions with cutter and rewinder available**
- **Integrated power supply**

The Citizen CD-S50X is the perfect printer for all POS and industry applications that require monochrome or colour printing of multi-layered receipts. High reliability and durability and a sophisticated printer design are the main advantages of this classic printer model. To meet different requirements, the CD-S50X is available in various versions: the low-cost standard version with tear-off edge (CD-S500) is also available with integrated auto-cutter (CD-S501). In combination with a cutter, the printer produces cleanly cut receipts. The cutter makes at least one million cuts – with both full and partial separation.

With high-speed dot-matrix printing, print receipts and logs at up to six rows per second. The printer accepts different sizes (58, 69 and 76 mm), as well as rolls with up to 83 mm in diameter, and easy paper loading allows users to complete this task within seconds. CD-S50X series printers can process up to two carbon copies, or with the correct ink ribbon also in two colours (black/red). As all variants of this printer were designed for the highest possible performance, they are equipped with a bi-directional printhead with logic seeking control. Automatic positioning increases the printing speed significantly and optimises the printer's service life at the same time.

An AC adaptor that can be replaced in only a few steps is integrated into every standard CD-S50X model. An extensive range of interface modules is available in order to answer requirements with high flexibility. The printer also features two integrated cash drawer ports and a built-in buzzer that indicates an open cash register or printed receipts.
All CD-S50X series printers are fully ESC/POS compatible. Required drivers for Windows 2000/XP/Vista/2003 Server, Linux and OPOS are of course included. Its highly adaptable customisation software and the mini printers' excellent compatibility always ensure a smooth switchover.

## Citizen PPU-700II

- **Compact installed printing unit for large printing volume**
- **Prints receipts with direct thermal printing at 150 mm/sec.**
- **Variable paper widths up to 83 mm**
- **Optional paper roll holder in various versions**

The Citizen PPU-700II installed printing unit produces receipts at up to 150 mm per second and 8 dots/mm (203 dpi). It prints paper with up to 150µ using direct thermal printing, even in two colours, which makes it the perfect choice for automated ticketing machines in production, entrance and event areas.

To process paper rolls of 58, 67, 80 or 83 mm, it can use either its own roll holder or one of the optional paper feeders (PHU-331S/T). These can be used to feed extra-large rolls (up to 203 mm in diameter). Fast paper handling on the side or from above is guaranteed. The built-in paper-end and paper-near-end sensors indicate required media changes in time.

As an important function for output of personal data, the presenter function retracts the receipt again after a predefined delay. An optional version with integrated black mark sensor for label printing is also available. A variety of interfaces (parallel, RS232, USB, Ethernet) guarantees fast integration into existing systems.

## Citizen PMU2200II/2300II

- **Compact printing unit with a large number of installation options**
- **Prints receipts with direct thermal printing at 150 mm/sec.**
- **Different versions for 58 and 80 mm receipt rolls**

The compact installation printing units Citizen PMU2200II/2300II produce receipts at up to 150 mm per second and 8 dots/mm (203 dpi) using direct thermal printing. They can process rolls with a width of 50, 60 (PMU2200II) and 80 mm (PMU2300II), a maximum paper thickness of 150µ and variable roll diameters of up to 102 mm.

The operating temperature range of -20 to +60°C enables particularly demanding applications. Fast paper handling as well as various mounting options for the rolls and printing units provides a degree of flexibility that is especially required with installations in machines and kiosk systems. Depending on its application, a horizontal and a vertical variant can be used, with the paper supply placed behind or below the unit. The entire mechanism can be accessed easily at any time, allowing technicians to resolve paper jams within seconds. Paper can be refilled from almost every side, even the print head is very easy to clean.

An optional label printer version with integrated black mark sensor is also available. A variety of interfaces (parallel, RS232, USB) guarantees fast integration with existing systems.

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## Citizen Label Printer

| Product | CL-S400DT | CL-S521 | CL-S300 | CL-S321 | | CL-S6621 | CL-S621 | CL-S631 | CL-S700 |
|---|---|---|---|---|---|---|---|---|---|
| **Description** | Page 173 | Page 173 | Page 172 | Page 172 | | Page 174 | Page 174 | Page 174 | Page 175 |
| **Printing Method** | Direct thermal | Direct thermal | Direct thermal | Direct thermal/ thermal transfer | | Direct Thermal/ Thermal Transfer | Direct Thermal/ Thermal Transfer | Direct Thermal/ Thermal Transfer | Direct Thermal/ Thermal Transfer |
| **Resolution** | 203 dpi | 203 dpi | 203 dpi | 203 dpi | | 203 dpi | 203 dpi | 300 dpi | 203 dpi |
| **Printing Speed** | 150 mm / sec. | 150 mm / sec. | 102 mm / sec. | 102 mm / sec. | | 150 mm / sec. | 150 mm / sec. | 100 mm / sec. | 254 mm / sec. |
| **Printing Width** | 104.1 mm | 104.1 mm | 108 mm | 108 mm | | 168 mm | 104.1 mm | 104.1 mm | 104.1 mm |
| **Madia Width** | 19.5 - 118 mm | 118.1 mm | 25.4 mm - 118 mm | 25.4 mm - 118 mm | | 50 mm – 178 mm | 118.1 mm | 118.1 mm | 118.1 mm |
| **Media length** | 6.35 - 812.8 mm | 812 mm (1624mm optional) | 38.1 mm - 1727 mm | 38.1 mm - 1727 mm | | 6,4 mm - 812,8 mm | 812 mm | 812 mm | – |
| **Supply roll** | 125 mm outer diameter | 125 mm outer diameter | 127 mm outer diameter | 127 mm outer diameter | | 127 mm outer diameter | 125 mm outer diameter | 125 mm outer diameter | 200 mm outer diameter |
| **Media thickness** | 0.635 - 0.254 mm, Sensor completely adjustable | 0.635 - 0.254 mm, Sensor completely adjustable | 0.635 - 0.254 mm, Sensor | 0.635 - 0.254 mm, Sensor | | 0.635 - 0.254 mm, Sensor | 0.635 - 0.254 mm, Sensor completely adjustable | 0.635 - 0.254 mm, Sensor completely adjustable | 0.0635 - 0.254 mm |
| **Ribbon type** | – | – | – | Wax, wax / resin or resin | | Wax, wax / resin or resin | Wax, wax / resin or resin | Wax, wax / resin or resin | Wax, wax / resin or resin |
| **Ribbon system** | – | – | – | ARCP | | ARCP | ARCP | ARCP | ARCP |
| **Ribbon length** | – | – | – | 110 m | | 360m | 360m | 360m | 450 m |
| **Standard interfaces** | RS232, USB optional: parallel, ethernet | RS232, USB optional: ethernet, Wi-Fi, parallel | USB | RS232, USB | | RS232, USB optional: parallel, ethernet, WLAN | RS232, USB optional: ethernet, Wi-Fi, parallel | RS232, USB optional: ethernet, Wi-Fi, parallel | Parallel, RS232, USB, optional: ethernet, Wi-Fi |
| **RAM - flash memory** | 16 MB / 4 MB Flash | 16 MB / 4 MB Flash | 16 KB / 64 KB Flash | 16 MB / 8 MB Flash | | 32 MB/ 8 MB Flash | 16 MB / 4 MB Flash | 16 MB / 4 MB Flash | 16 MB / 4 MB Flash |
| **Power Supply** | internal | internal | internal | external | | internal | internal | internal | internal |
| **Dimensions (BxHxT)** | 206 x 150 x 149 mm | 231 x 183 x 289 mm | 168 x 222 x 178 mm | 224 x 254 x 170 mm | | 303 x 290 x 273 mm | 231 x 289 x 270 mm | 231 x 289 x 270 mm | 255 x 490 x 265 mm |
| **Weight** | 2.7 kg | 3.6 kg | 2.0 kg | 2.5 kg | | 7.9 kg | 4.5 kg | 4.5 kg | 13.3 kg |
| **Printer warranty** | 2-year manufacturer warranty | | | | | 2-year manufacturer warranty | | | |
| **Printer head warranty** | 30 km or 6 month | 30 km or 6 month | 30 km or 6 month | 30 km or 6 month | | 30 km or 6 month | 50 km or 6 month | 50 km or 6 month | 50 km or 6 month |

## Citizen CL-S300

- **Entry-level label printer in a compact housing**
- **Easily print out of any Windows application, unsing the GDI interface**
- **Max. speed: 102 mm/s, print resolution: 203 dpi**
- **Integrated PSU prevents cable tangle**
- **User-friendly Hi-Open mechanics for easy handling**

With the CL-S300 desktop label printer, Citizen releases the typical starter device: affordable, reliable, interesting specifications. It has been conceived for on-demand label printing in goods shipping, item labelling in retail and document marking in the healthcare sector – its compact housing allows for versatile use.

User-friendliness was one of Citizen's main aspects during the development. Integration could hardly be easier, thanks to its USB 2.0 connector, while drivers for Windows operating systems make the CL-S300 a handy out-of-the-box printer. The special Graphical Device Interface (GDI) enables printing out of any Windows application. The maximum print speed of 102 mm per second supports fast task processing. Its standard resolution of 203 dpi (8 dots/mm) ensures for sharp, very high quality printouts. Citizen's Hi-Open mechanics facilitates handling the CL-S300 even for unpractised users. Maintenance and replacing media become casual day-to-day routine, ensuring smooth operation.

## Citizen CL-S321

- **Compact direct thermal/thermal transfer printer**
- **Easy integration thanks to EPL-2 programming language**
- **Highly versatile in retail, healthcare, even shipping**
- **Label width from 25 to 118 mm**
- **Max. print speed: 102 mm/sec. at 203 dpi**

It is as powerful as it is compact: the Citizen CL-S321 is a handy desktop label printer for universal use. Thanks to its small size it does not require much space – no matter where it stands. With the Citizen quality you are accustomed to it produces labels in a width from 25 to 118 mm in either a direct thermal or thermal transfer-process. This gives it a large range of flexibility for use in retail, for the numerous applications in pharmacies and clinical environments, even for printing shipping labels. Its integrated EPL2 programming languages guarantees simple integration, plus connection is easy via USB or serial RS232 interface. Optionally Citizen offers a model with Ethernet port.

Its housing is equipped with Hi-Open technology, greatly simplifying label roll changes, while also assisting inexperienced users with the learning process. With a maximum print speed of 102 mm/sec. and a resolution of 203 dpi (8 dots/mm) you always create crisp results quickly. The Citizen CL-S321 comes standard with 8 MB Flash memory, as well as 16 MB SDRAM, for plenty of storage of images and fonts.

## Citizen CL-S400DT

- **Powerful direct thermal printer for tickets and large labels**
- **Processes up to 81.2 cm long and 11.8 cm wide media**
- **Print speed: 150 mm/s at 8 dots/mm (203 dpi)**
- **Good ergonomics thanks to Hi-Open mechanism and LC display**
- **Sturdy and economical: metal construction plus ENERGY STAR power supply**

The direct thermal printer CL-S400DT from Citizen is a compact yet highly powerful solution for large-sized media. Especially with the great length of usable media - up to 812 mm - this printer perfectly suits many applications. Labeling shelves in retail and logistics becomes easy, while travel agencies or ticket shops churn out boarding passes and tickets.

The inconspicuous housing contains a high-quality construction within merely 206 x 149 x150 mm. Completely made of metal, the mechanics meets industrial requirements. Due to the Hi-Lift mechanism and integrated control panel and display, handling is a breeze. Configuration is also simple: connect the printer via RS232, USB, Ethernet or parallel interface and the Cross-Emulation will automatically identify ZPL and Datamax signals.

## Citizen CL-S521

- **Desktop direct thermal label printer for industrial environments**
- **Maximum label width: 118 mm at up to 150 mm/sec.**
- **Cross-emulation: Datamax and ZPL in one device**
- **USB and RS232 interfaces standard onboard**

The Citizen CL-S521 is the successor to the CL-P521. It boasts an aggressive price/performance ratio and sophisticated functionality. High reliability, a durable construction and a user-friendly design guarantee successful operation.

The CL-S521 creates up to 118 mm wide labels using direct thermal printing, with a maximum print width of 104 mm, a speed of 150 mm/sec. and a resolution of 8 dots/mm (203 dpi). A large supply of labels reduces troublesome roll changes. It optimises important features: its sensor adjusts to different materials and widths. It can also be aligned to fit individual formats. Optionally, a dispenser and cutter are easy to retrofit. This is ideal for shipping, assembly line or other applications that require simple continuous feed label solutions. The printer switches automatically between the Datamax and ZPL languages. Together with the large Flash memory, this cross-emulation guarantees you a wide range of applications. The CL-S521 has an integrated serial and USB interface. Optionally install a parallel, Ethernet or Wi-Fi card for optimal connectivity. The compact housing contains the AC adaptor and is available in white and black.







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## Citizen CL-S621/631

- **Desktop label printer for retail, logistics and production**
- **Prints labels using both direct thermal and thermal transfer method**
- **Maximum label width: 118 mm with up to 150 mm/sec.**
- **Cross-emulation: Datamax and ZPL in one device**
- **USB and RS232 interfaces standard onboard**

As successor to the successful Citizen CLP621/631 series, the devices of the CL-S621/631 family provide absolutely professional production of labels and tickets using either direct thermal or thermal transfer printing. This flexible solution combined with the printers' high performance guarantee smooth integration into almost every application.

These desktop printers can handle small to medium-sized labels and rating plates with a maximum width of 118 mm. The CL-S621 prints pin-sharp logos, pictures and barcodes particularly efficiently with 8 dots/mm (203 dpi), the CLS631 with 12 dots/mm (300 dpi). A speed of up to 150 mm per second always ensures fast production and impresses with short waiting times.

The entire printhead mechanics is based on a sturdy metal structure that opens wide enough to make roll and ink ribbon changes as easy as possible. With thermal transfer ribbons of up to 360 m in length, print about 6,800 labels without ink ribbon changes, reducing interruptions to a minimum. The adjustable media sensor has been optimised in the new version and guarantees absolute accuracy as well as hundred percent correct placement, which is critical for frequently changing media. High reliability, durable, stable construction and the extendible, adaptive concept make the Citizen CL-S621/631 a first-choice label printer.

Patented features further impress through first-class performance: the ARCP system regulates the ink ribbon tension automatically during thermal transfer printing, thus preventing wrinkled ribbons and subsequent failures. The printer switches automatically between the Datamax and ZPL languages. Together with the large Flash memory this cross emulation guarantees you a number of applications. The CL-S621 comes standard with integrated serial and USB interfaces. Optionally, you can also install a parallel, Ethernet or Wi-Fi card for optimal connection to existing infrastructures. Equipped with a tear-off edge in the standard version, the desktop printers can be retrofitted if needed with easily-installed label dispensers or cutters. This is especially useful for ticket and other applications where tags and continuous feed media are cut into predefined lengths.

## Citizen CL-S6621

- **Groundbreaking desktop label printer for wide media**
- **High quality direct thermal and thermal transfer prints (203 dpi)**
- **Max. print width 168 mm (6.6"); max. medium width: 178 mm**
- **Durable and user-friendly for daily use**
- **Large memory: 32 MB RAM and 8 MB Flash**

Based on the successful CL-S621, Citizen offers a desktop label printer with a large print width and a small price tag: the CL-S6621 processes media up to 178 mm wide with a maximum print width of 168 mm. It is ideal for applications in warehousing, logistics, shipping and everywhere where informational labels are needed. At 150mm/sec. it prints high quality, long lasting labels via either a thermal transfer or direct thermal process. With a resolution of 203 dpi (8 dots/mm) the quality is consistently high, and the print results crisp and sharp.

As the smallest printer in its class, it also has an attractive price. Thanks to its compact size (303 x 290 x 273 mm) it stands apart from most comparable label printers. Add to that stability and reliability: the twin-wall ABS housing and metal printing mechanism are highly robust and make the CL-S6621 a long-lasting partner. Thanks to its Hi-Lift mechanism you change the color ribbon and media roll easily and quickly. Plus, it can hold rolls up to 360 m. Even the power supply has room inside the housing: it comes integrated standard, to save even more space and improve its reliability.

Also integrated are an RS232 interface and a USB connection. Optionally equip the CL-S6621 with additional parallel, Ethernet or Wi-Fi interfaces. The large built-in memory of 32 MB RAM and 8 MB Flash guarantees quick processing, plus it saves symbols, etc. directly to the internal memory. The cross-emulation supports Datamax and ZPL II, and simplifies integration, even together with other printers. To make things even easier for you, the drivers CD comes with the delivery.

Handling of the CL-S6621 is both easy and intuitive. Four keys and four status LEDs improve your overview of the front, and minimize training efforts. With an optional auto cutter and peeler, expand its functionality even further and, according to the application, greatly simplify handling.





## Citizen CL-S700/703

- **Industrial label printer for professional applications in warehouse and logistics**
- **Prints with both thermal transfer and direct thermal labels**
- **Cost-effective direct thermal version available**
- **Maximum label width: 118 mm**
- **Maximum print speed: 254 mm/sec.**
- **Versions with integrated winder available**
- **Parallel, RS232 and USB interfaces already included (Ethernet and Wi-Fi optional)**

**The Citizen CL-S700 industrial label printer not only offers user-friendly and professional handling and design, but its outstanding performance also makes it the perfect choice for all applications in industry, production and logistics. This compact device comes with a robust metal body that meets all demands of an industrial environment and ensures reliable uninterrupted operation.**

The printer is suited for special applications and comes in different models: the CL-S700 and CL-S700R models print labels with 8 dots/mm (203 dpi) at a speed of up to 254 mm per second. This allows for production of large amounts of labels with graphics or barcodes extremely quickly. A 4 MB flash memory and up to 16 MB RAM guarantee a smooth printing process. Applications that use 2D codes are best served with the models CL-S703 and CL-S703R that print pin-sharp labels at 12 dots/mm (300 dpi) and 200 mm per second. The maximum label width of 118 mm results in a large range of possible applications in warehouses, sales and production.

Additionally, the CL-S700DT model is designed for the transport and logistics market, where only ditrect thermal printing is required; as standard it features a speed of up to 175 mm/sec., USB and serial interfaces.

Citizen industrial printers can be installed in almost any environment. The integrated Cross Emulation guarantees unsophisticated communication with existing equipment. Whether ZPL or Datamax, the printer recognises the protocol and adapts automatically.

The enormously space-saving design and technical features turn even untrained users into label pros and will definitely convince you: the pocketed power switch on the front side prevents accidental activation. Simplified menu configuration and intelligent handling are only a few of many striking features.

The Hi-Open mechanism allows the lid to be opened completely vertically, so that the printer does not require additional space for replacing consumables. The Hi Lift metal mechanism lowers the printhead by 90 degrees, which gives users direct access to paper and ink ribbons, making it possible to change consumables within only a matter of seconds. The printer uses large media rolls with a small core and 450 m ink ribbons with high capacity for guaranteed maximum operating time. Whether wax, wax/resin or resin, the printer automatically recognises the ribbons with inner or outer winding. The integrated ARCP technology tightens ribbon and paper automatically, preventing wrinkles and optimising results at the same time.

The CL-S700R and CL-S703R models are equipped with an integrated rewinder that automatically winds the labels up after printing or starts dispensing the labels. All standard functions can be fully accessed from the front panel. Difficult winding procedures from the sides are prevented in a space-saving and ergonomic manner.

The automatic tear-off device is integrated in all versions that do not have the rewinder, which is perfect for ticket and other applications where tags and continuous feed media are to be cut into predefined lengths. A cutter is optionally available in two versions (heavy duty included). An optional dispenser edge is also available for these models. Users remove the labels directly from the printer without separating them from the liner.

All CL-S versions are equipped with parallel, serial and USB interfaces. Optionally, two types of Ethernet card - a compact and a sophisticated premium version - are available for retrofitting to all CL-S printers as is a premium Wi-Fi card.

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## Citizen colour-/ thermal transfer ribbons

- **Colour ribbons specially optimized for Citizen label printers**
- **Three types for different label materials: wax, wax/resin and resin**
- **More sizes available for optimal compatibility**
- **Proven quality through numerous tests**
- **Printing solutions from one provider**

Citizen thermal transfer ribbons are specially produced for usage with Citizen label printers. They offer optimal compatibility and deliver high quality results. You have your choice between three types of colour ribbons in various sizes.

Depending on the application and label material use either wax colour ribbons, a combination of resin with wax colour ribbons or pure resin colour ribbons, standard. Wax colour ribbons are designed for printing on paper labels. For improved performance on paper and plastic labels choose the combination colour ribbons. For special applications and in combination with special label materials, such as polyester, metal-coated films, etc. the resin colour ribbons deliver the best durability.

## Information

### Save unnecessary expenditures!

For making adaptions of your software to our hardware easy for you, we gladly send loan equipment to you from our demo pool. Nearly all other products in this catalogue are available free of charge for you for a certain time of testing, demonstrating or adaptation to your software solution. Make use from this service, protect yourselves from surprises with the later installation.

Our presentation devices are your unique selling preposition compared to your competitors. When your customers can feel, see and touch the devices, you will most probably get the order. While your competitors can only show data sheets, you can convince the client with seizable arguments.

In order to receive free presentation equipment, please contact your account manager from our sales team free of charge.

## Citizen interfaces

- **Original Citizen interchangeable interfaces**
- **Also ideal for retrofitting**
- **Professional networking options**
- **Diverse Ethernet versions for different applications**

All Citizen desktop and midrange class devices of the CL-S series come with a standard serial, parallel and USB interface. For most applications, this is of course sufficient. However, if applications require additional connectivity options, you can add interfaces to Citizen label printers almost instantly.

In order to increase functionality, there are optional interfaces available. Depending on the requirements, you can retrofit high-speed parallel, Ethernet and Wi-Fi interfaces and change the range of func tions accordingly. You get the Ethernet interface in two versions: if the application requires a large number of protocols, then the standard version is the right choice; the more affordable compact version is optimally suited for lower communication requirements. The Wi-Fi interface is compatible with 802.11b/g/n and provides instant wireless connectivity right after installation.

## Original Citizen print heads

- **Original printheads for all Citizen label printers**
- **Your opportunity in the service business**
- **Easy installation and adjustment**

Citizen label printers are known for their long service life. Accordingly, large print runs result in high mechanical stress in the printhead: the thermal head is in direct contact with the passing label or transfer ribbon, which causes continuous abrasion. Once print results become faint or contain gaps, the printhead needs to be replaced. This can be done effortlessly and quickly with every Citizen printer and is absolutely cost-effective, as the printer lasts many times longer than a single printhead.

For every Citizen label printer there is the matching original Citizen printhead. For full service solution providers, printheads are an excellent opportunity for extra revenue and customer retention: after changing the printhead, it needs to be adjusted first. This guarantees even black prints and a long service life of the new thermal line.

# CL-S6621

## Half Size, Half Price

### A midrange on the inside, a desktop on the outside

- The smallest desktop label printer for wide media up to 178 mm
- High quality direct thermal or thermal transfer prints (203 dpi)
- Robust and user-friendly, with Hi-Lift mechanism
- Max. print speed: 150 mm/sec.

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Mettinger Straße 11 • D-73728 Esslingen Germany • www.citizen-europe.com
CITIZEN SYSTEMS EUROPE GmbH